

MANUFACTURING EXTENSION PARTNERSHIP

Success Stories from the Field

Precision Aero Services Inc.

Missouri Enterprise

Precision Aero Services Expands Business with AS9100/9110 Registration

Client Profile:

Precision Aero Services, Inc., founded in 1999, specializes in aircraft flight control and structural component repair. The company is a Federal Aviation Administration FAR 145 approved maintenance, repair and overhaul facility. It services aircraft built by Boeing, Gulfstream, Raytheon, Canadair, Dassault, Mitsubishi and Cessna. In 2004, Precision Aero Services relocated to a 150,000 square foot state-of-the-art facility in Nevada, Missouri, and has 15 employees.

Situation:

When Precision Aero Services relocated to its new facilities, additional capabilities were added, including the latest in autoclave and chemical etch line systems. The company's focus was expanded to include complete inspection, repair, modification and overhaul for sheet metal, structural, bonded and composite airframe assemblies on commercial, government, military and corporate aircraft. To facilitate this growth, the company had to upgrade and register its quality management system documents, data and records to conform to the requirements of ISO 9001:2000, AS9100 and AS9110. Precision Aero Services contacted the Missouri Enterprise, a NIST MEP network affiliate, for assistance with the registration process.

Solution:

Upon moving into their new facility, the company began efforts to achieve quality management systems registration. The company contacted Missouri Enterprise for documentation preparation and implementation, auditing support and related staff training in preparation for their registration audit.

Results:

- * Passed registration audit.
- * Increased sales of \$6.3 million expected in 2005.
- * Increased investment in equipment: \$725,000.
- * Increase Investment in IS software: \$42,000.
- * Increased investment in workforce practices/employee skills: \$113,200.
- * Increased Investment in other areas of business: \$2,890,000.
- * Cost savings on unnecessary investments: \$100,000.
- * Cost Savings on Materials: \$10,000.
- * Jobs Created: 185.

Testimonial:

"As we reflect on this year's accomplishments at Precision Aero Services, one of our major goals was only made possible with the assistance of one of Missouri Enterprises finest, Curtis Lopez, of the Kansas City office. Throughout the certification process of the SAE AS9100/9110 Quality Program,

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Curt's professionalism, knowledge and tenacious approach was the key component to our success. As trainer/facilitator Curt brought opposing viewpoints together with finesse and kept the group focused on the task at hand. This was especially challenging as the Precision staff met the demands of building a new company."

Terry K. Taylor, Senior Vice President